

**Play:** 451 *Western Washington - Western Cascade Mountains*  
**Province:** 4 Western Oregon - Washington **Play Type** coalbed gas  
**Geologist:** Rice, D.D./Johnson, S.Y. **Status:** hypothetical

**Play Probability:** 0.90

**Cells:** **Cell Size:** 320 acres 0.5 sq mi  
**Area of Play:** 1,995 sq mi 3,990 cells

**Productive Cells:** 0 **Tested Nonproductive Cells:** 8

**Untested Cells:** minimum median maximum mean distribution  
 500 1,000 2,000 1,072 bell-shaped

**Success Ratio for Untested Cell** 0.40

**EUR Distribution for Untested Cells (MMCFG):**

<u>F100</u>	<u>F95</u>	<u>F75</u>	<u>F50</u>	<u>F25</u>	<u>F5</u>	<u>F0</u>	<u>mean</u>
10	50	230	650	1,800	4,800	7,000	1,401

**Depth (ft):** minimum median maximum mean  
 500 3,200 10,000 3,824

**Analog play:** 2054 - Piceance Basin - Western Basin Margin

## Play Type coalbed gas

**Status:** hypothetical

<b>Net Thickness of Potentially Productive Coal (ft):</b>	<u>mean</u>	<u>maximum</u>
	90	150

**Mean Number of Potentially Productive Coal Seams:** 18

<b>Mean Thickness of Potentially Productive Coal-Bearing Interv</b>	7,000 ft
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**Total Dissolved Solid** ppm

## Water Disposal:

Gas Quality:	C1%	C2+%	CO2%	N2%	Btu
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**Is there active underground coal mining?** no

<b>Mined-Out Areas:</b>	sq mi	%
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## Is compression needed for transmission?

**Are coalbed gas wells generally stimulated in this pla**

### Potential Gas Reserve Additions (BCFG):

<u>F95</u>	<u>F75</u>	<u>F50</u>	<u>F25</u>	<u>F5</u>	<u>mean</u>	<u>s.d.</u>
0.00	428.95	550.59	685.91	928.09	540.79	251.72